



**CERTIFICATE OF MAILING 37 C.F.R. 1.10**

"Express Mail" Mailing Label Number: EV 479328105

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service with sufficient postage on the date indicated below and is addressed to:  
Commissioner for Patents, Mail Stop L&R, P.O. Box 1450, Alexandria, VA 22313-1450.

Name of Person Signing Certificate: Maggie Galle

February 28, 2005  
Date

Signature

*807(152)*  
*C*  
*3/7/05*

**MAIL STOP L & R**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Applicant:	§	Confirmation No.:
JEFFREY L. LACY	§	
Filed:	§	Art Unit:
February 28, 2005	§	
Serial No.:	§	Examiner:
10/712,692	§	James Samuels
For:	§	Docket No.:
BORON COATED STRAW	§	H054024.0012US0
NEUTRON DETECTOR	§	
	§	Customer No.: 01200

*RECEIVED*  
*MAR - 4 2005*  
*LICENSING & REVIEW*

**TRANSMITTAL OF MISSING PARTS OF APPLICATION**

Mail Stop: L & R  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-captioned application are the following missing parts:

1. Copy of Notice of Requirement For Statement Under § 152 Of The Atomic Energy Act
2. Signed Property Rights Statement by Jeffrey L. Lacy

The Commissioner is hereby authorized to charge any additional filing fees to Deposit Account No. 16-2435. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Charles M. Cox, Reg. No. 29,057  
ATTORNEY OR AGENT OF RECORD

Date: Feb. 28, 2005

AKIN GUMP STRAUSS HAUER & FELD, LLP  
1111 Louisiana Street, 44<sup>th</sup> Floor

Houston, Texas 77002  
Telephone: (713) 220-5800  
Facsimile: (713) 236-0822



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
---------------	-------------	-----------------------	---------------------

10/712,692

Jeffrey L. Lacy

EXAMINER

Attn: Charles M. Cox  
AKIN GUMP STRAUSS HAUER & FELD, LLP  
1900 Pennzoil Place-South Tower  
711 Louisiana Street  
Houston, TX 77002

PATENT & TRADEMARK OFFICE  
ART UNIT **MAILED** PAPER NO.

FEB 11 2005

DATE MAILED:

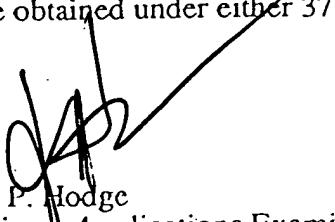
## LICENSING & REVIEW

### REQUIREMENT FOR STATEMENT UNDER §152 OF THE ATOMIC ENERGY ACT

The subject matter of this application is considered "useful in the production or utilization of special nuclear material or atomic energy."

No patent for any invention "useful in the production or utilization of special nuclear material or atomic energy" may issue unless the applicant files a statement WITHIN THIRTY DAYS from request thereof by the Commissioner of Patents & Trademarks setting forth the full facts surrounding the making or conception of the invention described in the application and whether the invention or discovery was made or conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the Energy Research and Development Administration or the Department of Energy as required under section 152 of the Atomic Energy Act of 1954, 42 USC §2182.

Applicant is hereby given a period of THIRTY DAYS from the mailing date of this letter to file the required statement under 42 USC §2182. Failure to submit the required statement within the thirty day period will result in ABANDONMENT of the application. The thirty day period is fixed by §2182 of the Act and cannot be extended. Thus, no extension of this period may be obtained under either 37 CFR §1.136(a) or (b).

  
Joanne P. Hodge  
Supervisory Applications Examiner  
Special Laws Administration

RECEIVED  
Akin, Gump, Strauss,  
Hauer & Feld, L.L.P.

FEB 22 2005

Docket No. *16-10-001*  
Action *Response*  
Due date *03/13/05*

Please direct all written communications regarding this matter to:

~~The Commissioner of Patents & Trademarks~~

~~Washington, D.C. 20231~~

Attention: Licensing & Review

Please direct all telephone calls regarding this matter to:

James Samuels, (703) 305-0239

The following is an example of an acceptable property rights statement. Statements of this type are, of course, only suitable for situations in which NO Agency funds or other considerations were involved in the making or conception of the invention. While this example is in the form of a declaration, a sworn document is equally acceptable.

I (We) JEFFREY L. LACY

citizens of U.S.A.

residing at 7447 Cambridge Street, Unit 1, Houston, Texas 77054

declare:

That I (we) made and conceived the invention described and claimed in patent application:

Serial Number 10/712,692 filed in the United States of America on 11/11/2003  
titled Boron Coated Straw Neutron Detector

*(Check and complete either I or II below)*

I. *(For Inventors Employed by an Organization)* That I (we) made and conceived this invention while employed by Proportional Technologies, Inc. That the invention is related to the work I am (we are) employed to perform and was made within the scope of my (our) employment duties; That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Proportional Technologies, Inc. Other relevant facts are \_\_\_\_\_

That to the best of my (our) knowledge and belief (and/or) based upon information provided by \_\_\_\_\_

of \_\_\_\_\_

—OR—

II. *(For Self-Employed Inventors)* That I (we) made and conceived this invention on my (our) own time using only my (our) own facilities, equipment, materials, funds, information and services. Other relevant facts are \_\_\_\_\_

The undersigned inventor(s) declare further that all statements made herein of his or her (their) own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: Jeffrey L. Lacy

Post Office Address: 38 Bees Creek Road, Missouri City, TX 77459

Date: 2/24/05

Inventor's Signature: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Date: \_\_\_\_\_

RECEIVED  
MAR - 4 2005

LICENSING & REVIEW

*(Check III and/or IV below as appropriate)*

That to the best of my (our) knowledge and belief:

III. The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

—AND/OR—

IV. The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

**CERTIFICATE OF MAILING 37 C.F.R. 1.10**

"Express Mail" Mailing Label Number: EV 479328105

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service with sufficient postage on the date indicated below and is addressed to: Commissioner for Patents, Mail Stop L&R, P.O. Box 1450, Alexandria, VA 22313-1450.

Name of Person Signing Certificate: Maggie Galle

February 28, 2005

Date

Signature

*Maggie Galle*

**MAIL STOP L & R**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Applicant:	§	Confirmation No.:	9115
	§		
JEFFREY L. LACY	§		
	§		
Filed:	February 28, 2005	§	Art Unit:
		§	
Serial No.:	10/712,692	§	Examiner: James Samuels
		§	
For:	BORON COATED STRAW NEUTRON DETECTOR	§	Docket No.: H054024.0012US0
		§	
			Customer No.: 01200

*RECEIVED  
MAR - 4 2005  
LICENSING & REVIEW*

**TRANSMITTAL OF MISSING PARTS OF APPLICATION**

Mail Stop: L & R  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-captioned application are the following missing parts:

1. Copy of Notice of Requirement For Statement Under § 152 Of The  
Atomic Energy Act
2. Signed Property Rights Statement by Jeffrey L. Lacy

The Commissioner is hereby authorized to charge any additional filing fees to Deposit  
Account No. 16-2435. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

*Charles M. Cox*

Charles M. Cox, Reg. No. 29,057  
ATTORNEY OR AGENT OF RECORD

Date:

*Feb. 28, 2005*

AKIN GUMP STRAUSS HAUER & FELD, LLP  
1111 Louisiana Street, 44<sup>th</sup> Floor

Houston, Texas 77002  
Telephone: (713) 220-5800  
Facsimile: (713) 236-0822